

# Warrior™ with EcoFlex™ System

Walk-Behind Scrubbers



ecoflex™ system

Smart cleaning.

 **Advance**

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## Walk-Behind Scrubbers



Rugged, Flexible, Easy to Maintain and Operate.

The Advance Warrior™ commercial battery rider-scrubber with EcoFlex™ System puts green cleaning, deep cleaning and everything in between into your hands. While other green scrubbers tout “one clean fits all,” Warrior with EcoFlex System lets you match scrubber performance to the job. This machine’s flexibility offers the best of both worlds – the ability to meet green cleaning standards and your standards for clean floors.

With the largest solution and recovery tanks in its class, the Warrior delivers longer run times and increased productivity. The EcoFlex System sets the stage for cleaning green and clean in any of the Warrior’s flexible cleaning modes. This innovative system:

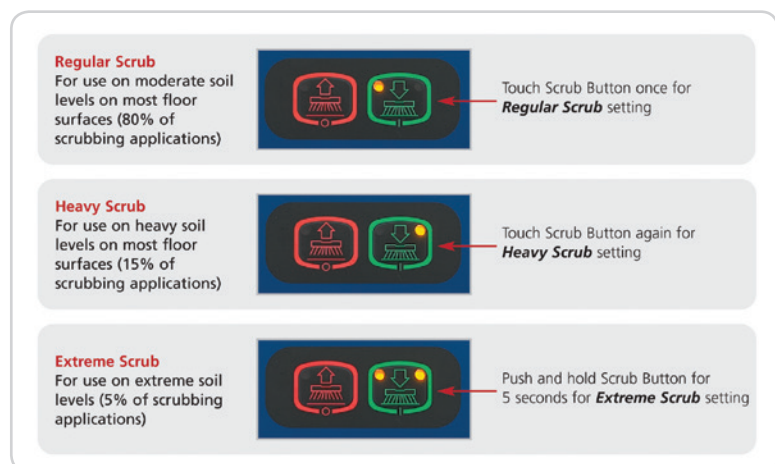
- Allows the use of any detergent (including green-certified) or water-only cleaning
- Utilizes ultra-low-flow dispensing that cuts water usage by up to 70%
- Provides an operator-controlled “burst of power” that temporarily increases detergent strength, solution flow and brush pressure for deep scrubbing when needed
- Automatically measures detergent at the desired ratio
- Dispenses detergent along with clean water just as solution is applied to the floor
- Eliminates solution pre-mixing so there’s no water or detergent waste, and no solution tank to empty or clean

The Warrior™ scrubber is built for heavy duty, daily use in a wide variety of applications. The 30 gallon polyethylene solution/recovery tanks allow for extended run time and increased productivity. Plus, tanks are easy to open and clean. The UltraFlow™ squeegee system with wide swing provides 100% water pickup on tight turns, leaving the floors clean, dry and safe for foot traffic.

### *Ideal applications include:*

- Retail
- Grocery
- Floor Stripping
- Schools
- Healthcare
- Education
- Manufacturing Plants
- Distribution Centers
- Convention Centers

In keeping with the **Total Clean®** philosophy, the Warrior allows complete and easy access to all machine components for cleaning and maintenance. Total Clean features mean lower cost of ownership and increased productivity to drive down the total cost of cleaning.





EcoFlex™ System has One-Touch™ activation for an on-demand cleaning burst of power.



Standard onboard battery charger for wet or gel battery packages.



Soft-Touch™ Paddle System prevents finger pinching, provides maximum control, reduces repetitive-stress injuries, and prevents the operator from being pinned between the machine and an obstruction.



Cylindrical scrub decks sweep and scrub in a single pass with dual counter-rotating brushes. Polyethylene hopper eliminates corrosion.



GREEN MEETS CLEAN

**Flexible Performance:** Quickly and easily make adjustments for whatever the job demands.

**Fits Any Routine:** Develop an ideal routine for your staff, floors and budget.

**ecoflex™ system**

**Cost Efficient:** Save time, use fewer machines, and reduce water and detergent consumption by cleaning more efficiently.

**Environmentally Responsible:** Reduces all of the environmental impacts in cleaning – from the water and detergent to machine run-time and energy use.



## Technical Specifications

Models	Warrior™ 28D	Warrior™ 32D
Scrub Head Type	Disc	Disc
Scrub Path	28 in (71 cm)	32 in (81 cm)
Max Productivity @ 3 mph	36,960 ft²/hr (3,434 m²/hr)	42,240 ft²/hr (3,924 m²/hr)
Max Productivity @ 1.5 mph	18,480 ft²/hr (1,717 m²/hr)	21,120 ft²/hr (1,962 m²/hr)
Brush Size	(2) 14 in (36 cm)	(2) 16 in (41 cm)
Scrub Pressure		
Regular Scrub	max 90 lb (41 kg)	max 90 lb (41 kg)
Heavy Scrub	max 175 lb (79 kg)	max 175 lb (79 kg)
Extreme Scrub	max 250 lb (113 kg)	max 250 lb (113 kg)
Brush Speed	220 rpm	220 rpm
Solution Flow Rate		
Regular Scrub	0.30 gal/min (1.1 L/min) or 100 minutes per solution tank – BOTH MODELS	
Heavy Scrub	0.60 gal/min (2.3 L/min) or 50 minutes per solution tank – BOTH MODELS	
Extreme Scrub	0.90 gal/min (3.4 L/min) or 33 minutes per solution tank – BOTH MODELS	
Squeegee Width	41.9 in (106 cm)	41.9 in (106 cm)
Dimensions (w/o squeegee)		
W = 30.5 in (77cm)	W = 33 in (83 cm)	
L = 61.5 in (156 cm)	L = 62.5 in (159 cm)	
H = 45 in (114 cm)	H = 45 in (114 cm)	
Weight w/ Std. Batteries	914 lb (415 kg)	914 lb (415 kg)
Voltage	36 V	36 V
Power Source	(6) 6 V batteries (wet acid and gel cell available) – BOTH MODELS	
Available Chargers	36 V, 20 amp free standing or 36 V, 21 amp onboard charger	
Solution Control	Precision-Flow electric pump	
Solution Tank	30 gal (114 L) – BOTH MODELS	
Recovery Tank	30 gal (114 L) – BOTH MODELS	
Scrub Motors	(2) 0.75 hp (560 W) – BOTH MODELS	
Vacuum Motor	0.75 hp (560 W) 3-stage – BOTH MODELS	
Sound Level	69 dB A with sound suppression kit or 71 dB A standard – BOTH MODELS	
Drive System	0.5 hp (375 W) variable forward and reverse, max speed = 3 mph (4.83 km/hr) – BOTH MODELS	
Gradeability	16% transport, 5% scrubbing – BOTH MODELS	
Drive Wheels	(2) 13 in (33 cm) dia. foam-filled, non-marking – BOTH MODELS	

Specifications are subject to change without notice.



### Accessories and options:

- Multiple Brushes for All Applications
- Maintenance-free Gel Batteries
- Sound-reduction Kit for Abatement to 69 dB A
- Onboard Tote Bag
- Onboard Scrub-Vac System



Onboard Tote Bag



Onboard Scrub-Vac System

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## Smart cleaning.

Our products are designed using innovative technology that increases productivity and drives down the cost to clean.

Maintain peak performance with Nilfisk Parts.

